

Abstract

An antenna apparatus is provided that includes a printed wiring board, electronic components disposed on the printed wiring board, a shielding member (ground member) that is disposed on the printed wiring board. The shielding member has a length along a predetermined directional axis X set substantially to $1/4\lambda$ or more, the wavelength of an electromagnetic wave used for communication being λ . An antenna element extends in a direction crossing the directional axis X and is grounded to the shielding member (ground member).